

Date of Deposit: October 23, 2003

PTO/SB/05 (08-03)  
Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 02-EDP-274

First Inventor JOSEPH C. ENGEL

Title TEST APPARATUS FOR POWER  
CIRCUITS OF AN ELECTRICAL\*

Express Mail Label No. EV207367015US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 21]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 4]
5. Oath or Declaration [Total Sheets 1]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)

## b. Specification Sequence Listing on:

- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper

## c. Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement [ ] Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure [ ] Copies of IDS Citations
13. ☐ Statement (IDS)/PTO-1449
14. ☒ Preliminary Amendment
15. ☐ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
16. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
17. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: .....

Prior application information:

Examiner

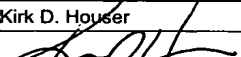
Art Unit:

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number:  OR ☒ Correspondence address below

Name	Martin J. Moran, Esquire				
Address	Eaton Electrical, Inc., Technology & Quality Center 170 Industry Drive, RIDC Park West				
City	Pittsburgh	State	PA	Zip Code	15275-1032
Country	US	Telephone	412.787.6473	Fax	412.494.3387

Name (Print/Type)	Kirk D. Houser	Registration No. (Attorney/Agent)	37,357
Signature		Date	10/23/2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

\* DISTRIBUTION DEVICE

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## THIS FORM IS SUBMITTED IN DUPLICATE

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<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2003</h2> <p style="margin: 0; font-size: small;">Patent fees are subject to annual revision.</p>		<b>Compleat if Known</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	
		Filing Date	
		First Named Inventor	
		Examiner Name	
		Art Unit	
TOTAL AMOUNT OF PAYMENT		(\$)	
		860.00	
		Attorney Docket No.	
		02-EDP-274	

<h3 style="text-align: center; margin: 0;">METHOD OF PAYMENT (check all that apply)</h3> <p> <input type="checkbox"/> Check    <input type="checkbox"/> Credit card    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other    <input type="checkbox"/> None     </p> <p> <input checked="" type="checkbox"/> Deposit Account:     </p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;">       Deposit Account Number: <span style="font-size: large;">05-0275</span> </div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;">       Deposit Account Name: <span style="font-size: large;">Eaton Corporation</span> </div> <p>The Commissioner is authorized to: (check all that apply)</p> <p> <input checked="" type="checkbox"/> Charge fee(s) indicated below    <input checked="" type="checkbox"/> Credit any overpayments     </p> <p> <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application     </p> <p> <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.     </p> <h3 style="text-align: center; margin: 10px 0;">FEE CALCULATION</h3> <h4>1. BASIC FILING FEE</h4> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>740</td> <td>2001</td> <td>370</td> <td>Utility filing fee</td> <td rowspan="5" style="text-align: center; vertical-align: middle; font-size: large;">770.00</td> </tr> <tr> <td>1002</td> <td>330</td> <td>2002</td> <td>165</td> <td>Design filing fee</td> </tr> <tr> <td>1003</td> <td>510</td> <td>2003</td> <td>255</td> <td>Plant filing fee</td> </tr> <tr> <td>1004</td> <td>740</td> <td>2004</td> <td>370</td> <td>Reissue filing fee</td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005</td> <td>80</td> <td>Provisional filing fee</td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td style="text-align: center; border: 1px solid black;">(\$ 770.00)</td> </tr> <h4>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</h4> <p>       Total Claims: <span style="border: 1px solid black; padding: 2px;">25</span>    -20** = <span style="border: 1px solid black; padding: 2px;">5</span>    x <span style="border: 1px solid black; padding: 2px;">18.00</span> = <span style="border: 1px solid black; padding: 2px;">90.00</span> </p> <p>       Independent Claims: <span style="border: 1px solid black; padding: 2px;">2</span>    -3** = <span style="border: 1px solid black; padding: 2px;">0</span>    x <span style="border: 1px solid black; padding: 2px;">84.00</span> = <span style="border: 1px solid black; padding: 2px;"></span> </p> <p>       Multiple Dependent: <span style="border: 1px solid black; padding: 2px;"></span>    x <span style="border: 1px solid black; padding: 2px;"></span> = <span style="border: 1px solid black; padding: 2px;"></span> </p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>18</td> <td>2202</td> <td>9</td> <td>Claims in excess of 20</td> <td rowspan="5" style="text-align: center; vertical-align: middle; font-size: large;">90.00</td> </tr> <tr> <td>1201</td> <td>84</td> <td>2201</td> <td>42</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>1203</td> <td>280</td> <td>2203</td> <td>140</td> <td>Multiple dependent claim, if not paid</td> </tr> <tr> <td>1204</td> <td>84</td> <td>2204</td> <td>42</td> <td>** Reissue independent claims over original patent</td> </tr> <tr> <td>1205</td> <td>18</td> <td>2205</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td style="text-align: center; border: 1px solid black;">(\$ 90.00)</td> </tr> </tbody></table></tbody></table>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	740	2001	370	Utility filing fee	770.00	1002	330	2002	165	Design filing fee	1003	510	2003	255	Plant filing fee	1004	740	2004	370	Reissue filing fee	1005	160	2005	80	Provisional filing fee	<b>SUBTOTAL (1)</b>					(\$ 770.00)	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	18	2202	9	Claims in excess of 20	90.00	1201	84	2201	42	Independent claims in excess of 3	1203	280	2203	140	Multiple dependent claim, if not paid	1204	84	2204	42	** Reissue independent claims over original patent	1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	<b>SUBTOTAL (2)</b>					(\$ 90.00)	<h3 style="text-align: center; margin: 0;">FEE CALCULATION (continued)</h3> <h4>3. 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late filing fee or oath	770.00	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	1053	130	1053	130	Non-English specification	1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	1251	110	2251	55	Extension for reply within first month	1252	400	2252	200	Extension for reply within second month	1253	920	2253	460	Extension for reply within third month	1254	1,440	2254	720	Extension for reply within fourth month	1255	1,960	2255	980	Extension for reply within fifth month	1401	320	2401	160	Notice of Appeal	1402	320	2402	160	Filing a brief in support of an appeal	1403	280	2403	140	Request for oral hearing	1451	1,510	1451	1,510	Petition to institute a public use proceeding	1452	110	2452	55	Petition to revive - unavoidable	1453	1,280	2453	640	Petition to revive - unintentional	1501	1,280	2501	640	Utility issue fee (or reissue)	1502	460	2502	230	Design issue fee	1503	620	2503	310	Plant issue fee	1460	130	1460	130	Petitions to the Commissioner	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	1806	180	1806	180	Submission of Information Disclosure Stmt	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	1809	740	2809	370	Filing a submission after final rejection (37 CFR 1.129(a))	1810	740	2810	370	For each additional invention to be examined (37 CFR 1.129(b))	1801	740	2801	370	Request for Continued Examination (RCE)	1802	900	1802	900	Request for expedited examination of a design application
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1810	740	2810	370	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																								
1801	740	2801	370	Request for Continued Examination (RCE)																																																																																																																																																																																																																																								
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																																								

SUBMITTED BY		(Complete if applicable)	
Name (Print/Type)	Kirk D. House	Registration No. (Attorney/Agent)	37,357
Signature		Telephone	412.566.6083
		Date	10/23/2003

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